

**ABSTRACT****MANNOSIDASE STRUCTURES**

The present invention relates to a crystal comprising a mannosidase II ligand-binding domain.

- 5 In particular the present invention relates to a crystal comprising mannosidase II (with and without swainsonine), and its use to generate models for elucidating the structure of other polypeptides and for better identifying ligands capable of modulating mannosidase II activity.